VISO SYSTEMS
BaseSpion

Assembly Manual

Revision: 2020-11

Congratulations on purchasing your new Viso Systems product. Before using this product, please read the Safety Information.

This manual contains descriptions and troubleshooting necessary to install and operate your new Viso Systems product. Please review this manual thoroughly to ensure proper installation and operation.

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Contents

1. Package content and weight

Main components/assemblies

Base – 14 kg

3 x sensor rail – 4 kg (12 kg)

BaseSensor 4 kg

Tower 4 kg

E27 Fixture and adapters – 0.5 kg

Assembly parts and cables

1 x IEC 2 m Cable

1 x USB 5 m Cable

1 x RJ45 7.5 m Cable

1 x Foot for Base

24 x Screws for Extender

1 x Steel Rod

2. Package dimensions and weight

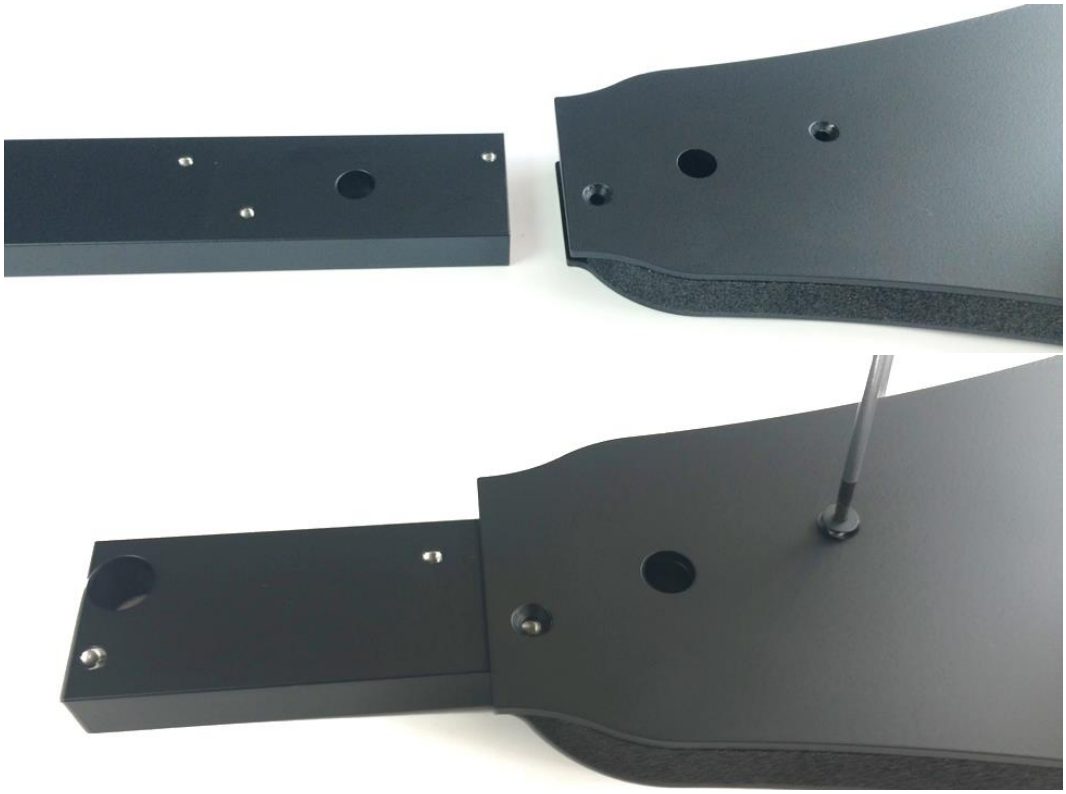
Shipping Packages	Shipping Dimensions	Shipping Volume	Weight
1. Sensor	50 x 50 x 20 cm	0.050 m^3	5 kg
2. Base + Tower	60 x 60 x 35 cm	0.126 m^3	20 kg
3. Extenders	165 x 28 x 28 cm	0.129 m^3	16 kg

Total shipping weight: 41 kg.
Total shipping CBM: 0.31 m^3
The shipment is done in a total of 3 packages.

3. Assembly

3.1. Mount Extender Connector to Base

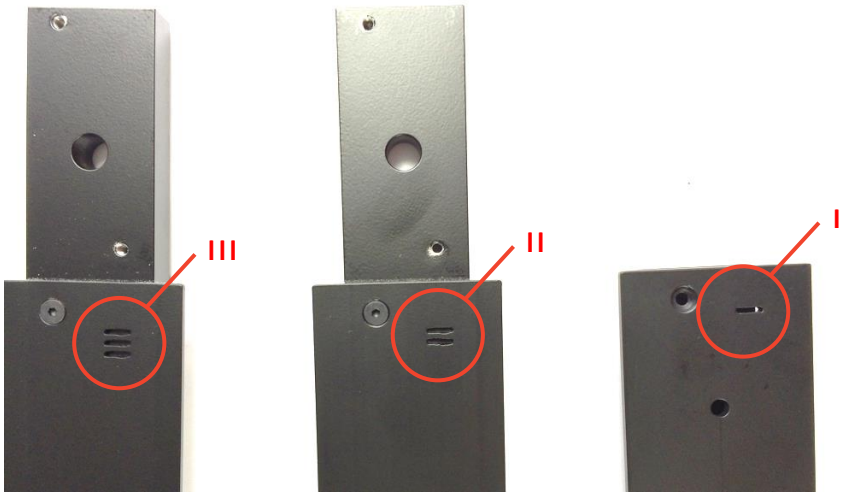
Use the the supplied screws to mount the connector. 2 on top and 2 on bottom



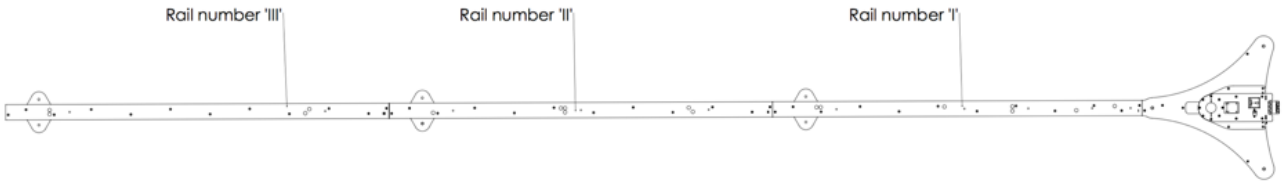
he supplied ‘Foot’ must be screwed into bottom under the Extender Connector

3.2. Connect Extender Rail

The Extender Rails are marked I, II and III. The number ‘I’ should be mounted to the base.

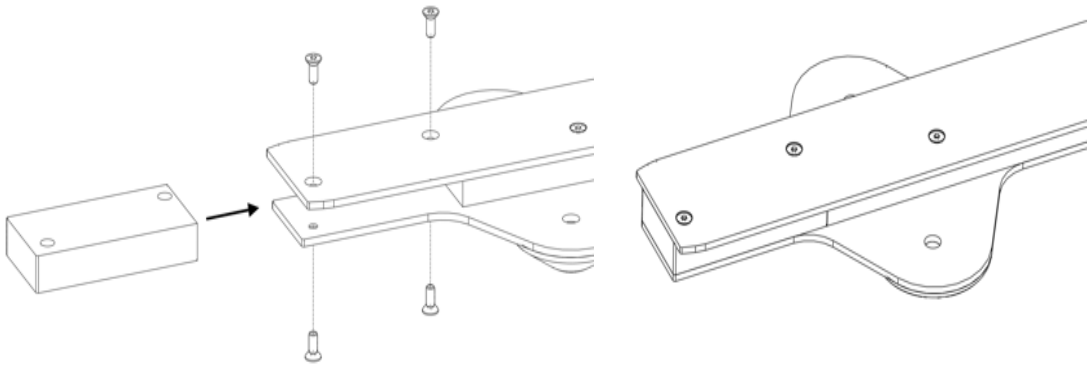


Use the supplied screws to connect the rails. 2 screws on top and bottom for each rail.



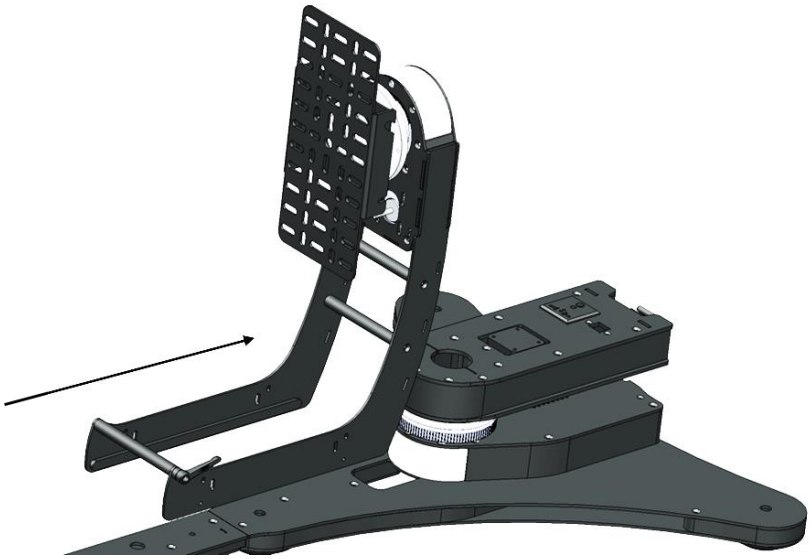
The supplied small foam piece can be mounted on the last rail you choose to use. Its only used to make your last Rail end look complete and has no function.

Use 4 of the supplied screws to mount it.

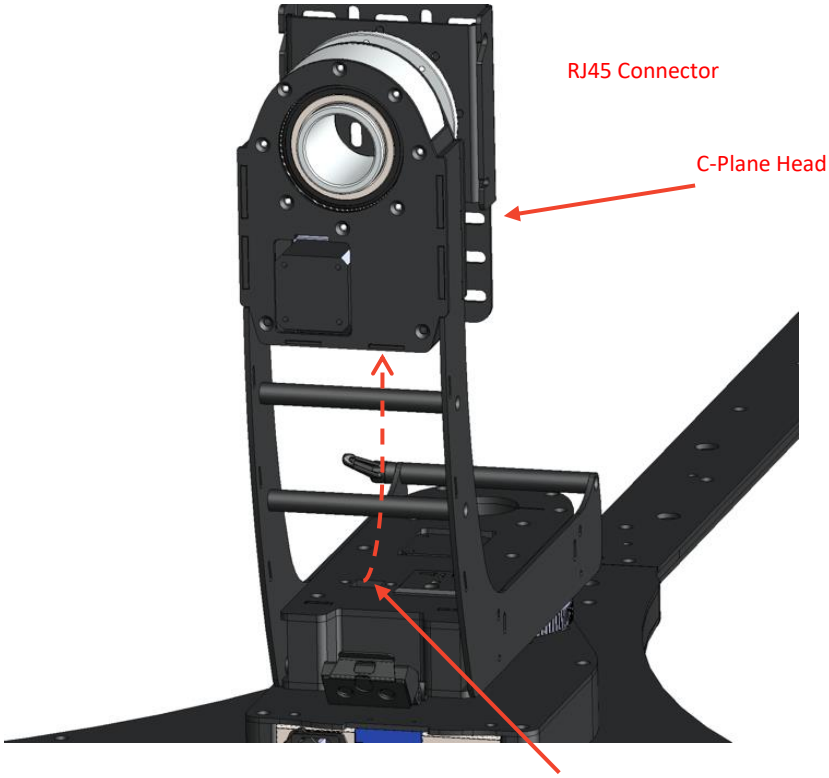


3.3. Mount Tower to Base

Slide tower backwards onto the Base, like shown below.



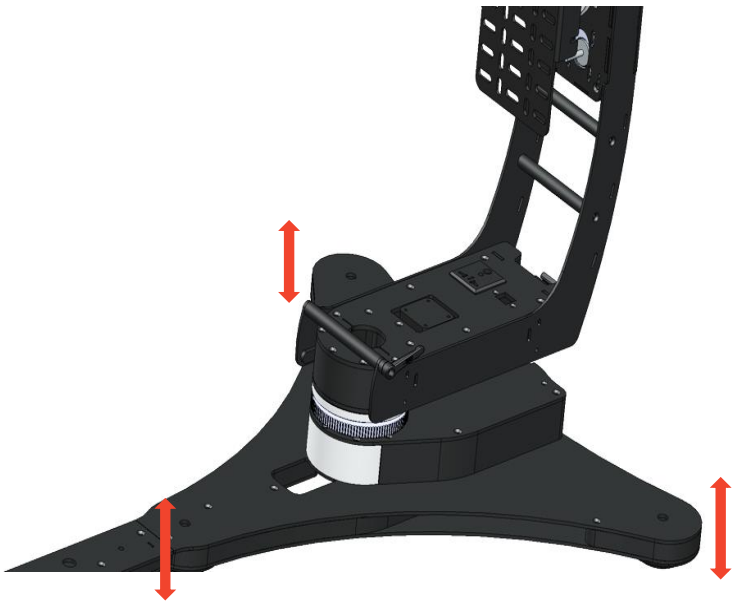
Connect the C-Plane Head to the RJ45 connector on top of the base with the supplied 50cm RJ45 cable.



3.4. Level the System

The system must be levelled correctly to get correct measurement. To ensure proper levelling begin with the base unit and the move on to Rail I, II and then III.

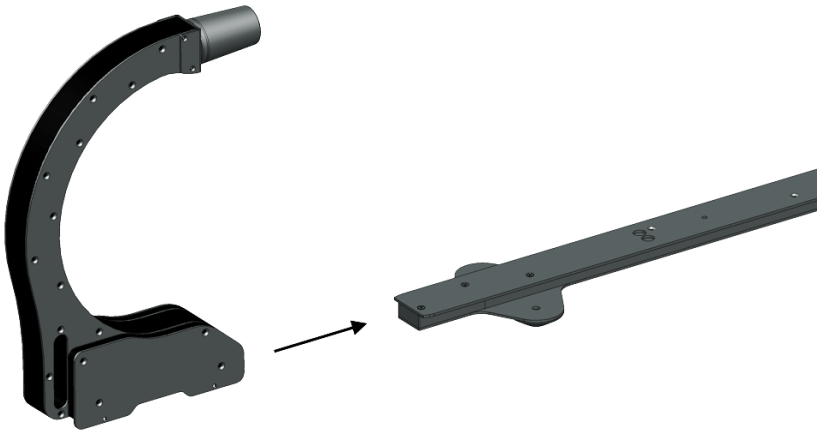
Levelling is done by turning the feet, either from below or using an Allen Key from the top.



3.5. Mount Sensor

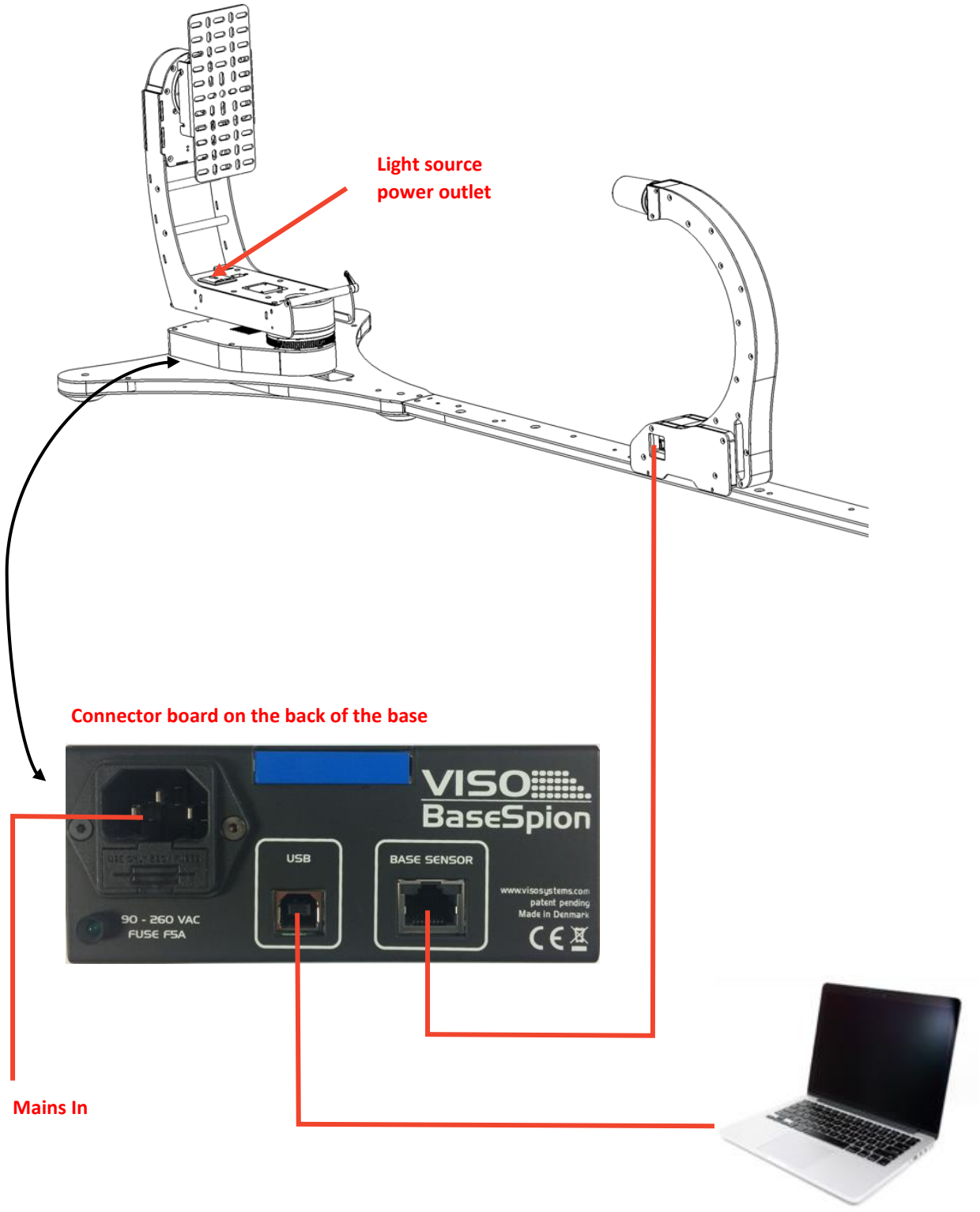
The Sensor should be mounted by sliding it on from the back end of the rail. Lift up the small position pin in front of the Sensor to slide it on.

ATT: When the sensor is connected with the RJ45 cable to the Base, it may be necessary to restart the software for the Sensor to be able to detect the distance. Make sure to slide the Sensor to a position where the position pin on the Sensor falls into place and locks the Sensor.



3.6. Cable connection

Below is a connection diagram showing the cable configuration, please refer to the user manual for further details.



At Viso Systems we design, develop and manufacture OEM- and customer-specific goniophotometer solutions. Our mission is to support customers with powerful and yet easy to use control measurements solutions. Products are developed and manufactured in Copenhagen, Denmark.

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Light measurement made easy